

VALUE ENGINEERING CHANGE PROPOSAL
MISSOURI DEPARTMENT OF TRANSPORTATION

☐ Conceptual Proposal

☐ Final Proposal

Date May 29, 2009

Contract ID 090220-408

Job No. J4I2261

County Lafayette

Original Bid Cost \$6,861,496.47

Contractor Chester Bross Construction

By Scott Gander

Designed By Gregory James Anderson

Phone 573-221-5958

VECP# 09-36 (to be completed by C.O.)

VECP ☒ or PDVECP ☐

1. Description of existing requirements and proposed change(s). Advantages/Disadvantages

The existing requirements in the plans show SP190C being placed under the bridges below the SP190B. The proposed change would be to place SP190B in lieu of the SP190C under these bridges. The advantage of this would be to be able to place the same mix continuously through this area. It would result in a cost savings to MODOT due to a lower unit price for SP190B compared to SP190C.

2. Estimate of reduction in construction costs. \$5,930.40

3. Prediction of any effects the proposed change(s) will have on other department costs, such as maintenance and operations.

There is no prediction of effects on other department costs.

4. Anticipated date for submittal of detailed change(s) of items required by Section 104.6 of the Specifications.

May 29, 2009

(date)

5. Deadline for issuing a change order to obtain maximum cost reduction, noting the effect of contract completion time or delivery schedule.

June 5, 2009

(date)

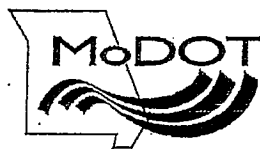
N/A

(effect)

6. Dates of any previous or concurrent submission of the same proposal.

N/A

(date and/or dates)



MEMORANDUM

Missouri Department of Transportation

Construction
Richmond Project Office

TO: Perry Allen-4co

CC: File

FROM: Brian K. Iles *BKI*
Resident Engineer

DATE: May 29, 2009

SUBJECT: VE Concept Proposals
Job No. J4I2261
Contract ID 090220-408
Route 70, Lafayette County

Attached is a Construction Value Engineering Concept Proposal for the above referenced project submitted by Chester Bross Construction. Chester Bross proposes substituting SP190B (76-22) for SP190C (64-22) on the project. Currently the contract indicates cold milling to the existing concrete beneath all overpasses then installing SP190C at a variable depth, 2-inches of SP190B, and 1.75-inches of SP125SMR. These are the only locations the SP190C will be installed on this project.

This VECP is simply an under run of quantity. Therefore, I recommend approval of the VECP with no more than a practical engineering savings (75/25). Feel free to contact me with any questions or comments.

Brian Iles 816-470-6115

CHESTER BROSS CONSTRUCTION COMPANY



P.O. Box 430
Hannibal, MO 63401

Chester Bross, President
"Equal Opportunity Employer"

Ph: 573-221-8958
Fax: 573-221-1892

Contract I.D. 090220-408
Job No. J412261
Route I-70, Lafayette County


DATE: 5/29/2009

VECP

<u>Bid Item</u>	<u>Qty</u>	<u>Unit</u>	<u>Bid Price for</u> <u>SP125BSM</u>	<u>Total</u>
4030206 ASPHALTIC CONCRETE MIXTURE PG 64-22 (SP190C MIX)	1,694.40	TN	\$ 63.95	\$ 108,356.88

<u>Bid Item</u>	<u>Qty</u>	<u>Unit</u>	<u>Bid Price for</u> <u>SP125BSMR</u>	<u>Total</u>
4030217 ASPHALTIC CONCRETE MIXTURE PG 76-22 (SP190B MIX)	1,694.40	TN	\$ 60.45	\$ 102,426.48

TOTAL SAVINGS \$ 5,930.40


Project Manager

Additional Comments:

**** Portion Below This Line To Be Filled Out by MoDOT ****

Comments: SEE LETTER

Submitted By Resident Engineer

5/29/09
Date

Comments: BASED ON DISCUSSIONS WITH THE RE, THE CONTRACTOR WILL BE REALIZING A SIGNIFICANT REDUCTION IN COST BASED ON PLANT PRODUCTION ISSUES AND INCREASED ROADWAY EFFICIENCY. THE CORRIDOR ENGINEER HAS BEEN CONSULTED AND CONCURS WITH THE SUBSTITUTION.

☒ Approval
Recommended
☐ Rejection
Recommended

District Engineer

6/4/09
Date

Comments: VERBAL APPROVAL FROM ILHAN IRUN.
PAPER COPY TO FOLLOW. JSD 6-9-09

☒ Approval
Recommended
☐ Rejection
Recommended

Federal Highway Administration
Required for FHWA Full Oversight Projects

Date

Comments: PROPOSAL APPROVED PER DISTRICT
RECOMMENDATION. THIS IS A PRACTICAL
DESIGN. 75/25 SPLIT.

☒ Approval
☐ Rejection

State Construction and Materials Engineer

Date

Distribution: Resident Engineer, Project Manager, District Construction & Materials Engineer, State Construction & Materials Engineer, FHWA
Value Engineering Administrator - MoDOT, P. O. Box 270, Jefferson City, MO 65102

VALUE ENGINEERING CHECK SHEET

TYPE OF WORK

(Check one that applies)

- ☐ Bridge/Structure/Footings
- ☐ Drainage Structures (RCP, RCB, CMP's, ect.)
- ☐ TCP/MOT
- ☒ Paving (PCCP, ect.)
- ☐ Grading/MSE Walls
- ☐ Signal/Lighting/ITS
- ☐ Misc. _____

SUMMARY OF PROPOSAL

(If needed, condense summary to a couple of lines)

_____Substitute SP 190B in lieu of SP 190 C to eliminate one mix type from the project.

SCANNING OF DOCUMENT

If the proposal is large, please mark or make note, which pages need to be scanned into the database. If there are special instructions, make note of them here.

_____Scan proposal only.